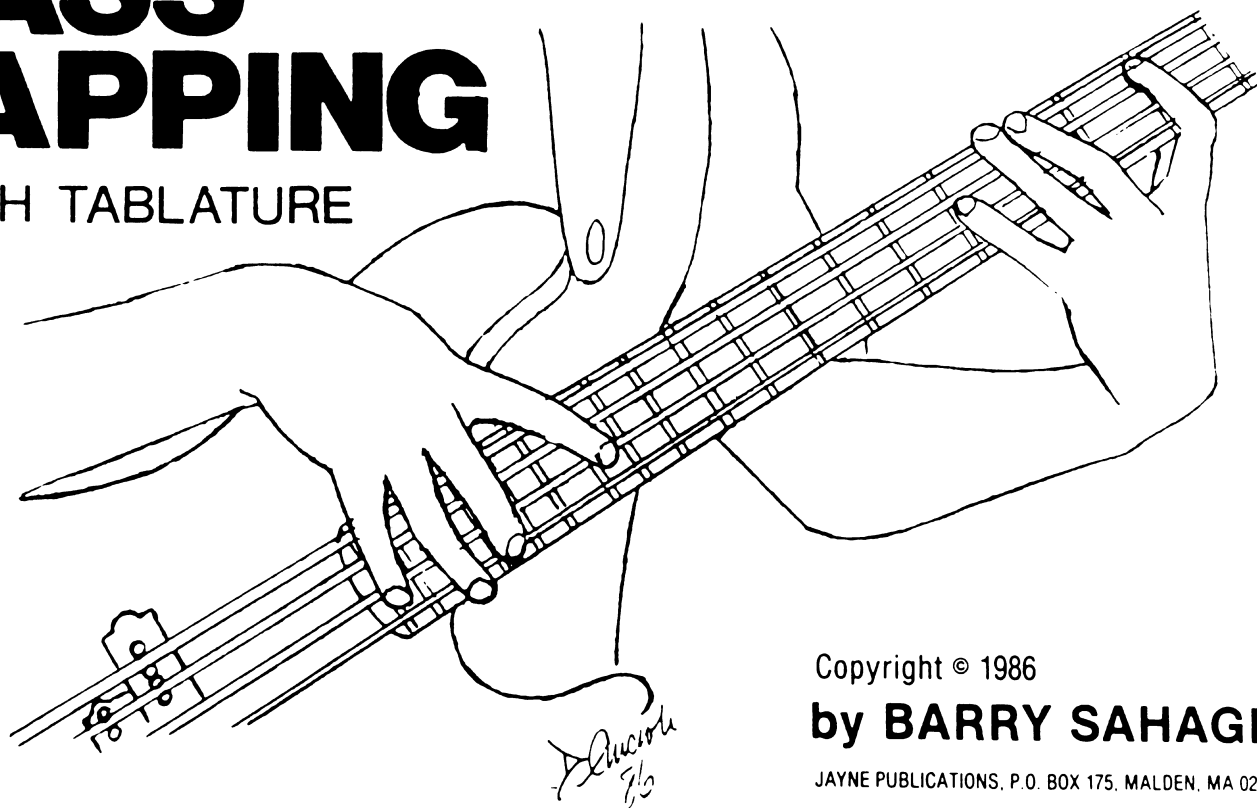


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BASS TAPPING

WITH TABLATURE



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Bass Tapping

“Tapping” está criando novas maneiras de expressão no Contrabaixo de uma maneira nunca pensada anteriormente. Diferentemente de “Slap” ou *Harmônicos* onde se encontram limitações, Tapping expande as possibilidades do Baixo para áreas tais como *contraponto*, acordes juntamente com linhas de baixo, apresentações solo. “trills” de todas as formas tamanhos, e muito mais ainda a ser criado.

Neste estilo, você usa ambas as mãos para percutir as notas. A mão esquerda é usada da forma convencional, exceto que as notas são “*hammered*” ou “*pulled*”. A mão direita também toca da mesma forma que a esquerda, no braço do instrumento.

Se você nunca usou esta técnica antes, tenha paciência; a mão direita poderá levar um tempo a se acostumar. Neste livro, foram escritos alguns estilos usando a técnica do “*tapping*”. Escalas, peças solo, acordes com linhas de baixo e “*trills*”.

Os exemplos são escritos usando duas claves, juntamente com tablatura. Note que às vezes 2 claves de Fá são utilizadas, ou claves de Fá e Sol ou só claves de Sol.

Quando 2 claves são usadas, a de cima deverá ser tocada com a mão direita; a de baixo com a esquerda.

NO 1; Pratique cada parte separadamente. Depois toque as juntas. Evite ao máximo ruídos de trastes e harmônicos acidentais.

NO 3; Pratique em outras tonalidades. Desça meio tom de cada vez

NO 7; Aqui estão alguns “*trills*” usando tercinas com acordes maiores e menores. Também um acorde de sétima maior sem a tônica e um acorde dominante sétima também sem a tônica.

Para toca los, “*hammer*” a primeira nota com a mão direita, e então “*pull off*” para aproxima nota presa pela mão esquerda. A última nota é “*hammered*” com a mão esquerda.

Pratique estes “desenhos” em todas as cordas e em todo o braço do instrumento.

NO 8; Estes exemplos são iguais aos anteriores, no que diz respeito à estrutura dos acordes. A diferença é o ritmo, que é baseado em um “*motif*” de 4 notas. Elas foram escritas como semi colcheias, mas poderiam também ser tocadas como colcheias, dependendo como forem usadas.

NO 9; Neste exemplo, “*hammer*” a primeira nota com a mão direita. Depois “*pull off*” para a nota presa pelo dedo indicador da mão esquerda. “*Hammer*” a última nota com o dedo mínimo da mão esquerda.

NO 11; Este é um exemplo usando um *pull off* com a mão direita para uma corda solta. Duas claves de Fá são usadas devido à região grave desta “frase”.

Quando se usam cordas soltas como neste exemplo, a nota (corda solta) tem que ser compatível com o acorde. Neste caso específico, a corda solta é a *nona* de C7

NO 12; Aqui estão mais alguns exemplos como o C7. Aprenda estes dois e toque os em uma progressão de Blues I IV V (de 12 compassos)

NO 13; Esta é uma variação do tema anterior com adicionais “*hammer on’s*” na mão esquerda

.

NO 14; Este exemplo usa cordas adicionais e mais “*hammer on’s*”.

NO 15; Exemplo com mais variações tipo “*hammer*” para a mão esquerda.

BASS TAPPING is opening new worlds of expression in bass playing to say the least. Unlike other styles like Thumb n Snap or harmonics which are somewhat limited, Tapping expands the possibilities of bass playing to such areas as counterpoint chord and bassline comping, solo playing, trills of all sizes, shapes and still more which has yet to be created.

In this style you use both hands to tap down the notes. The left hand is used in the conventional way except the notes are hammered and or pulled. The right hand also hammers and pulls the notes on the neck alongside the left hand.

If you never played this style before be patient. The right hand may take a little getting used to playing this way.

In this book I have written a few styles of this playing. There are scales, solo pieces, chord and bass comping and trills. Two Clefs are used to notate as well as tablature. Beware, sometimes two bass clefs are used or bass and treble or just treble. When there are two clefs the top one is for the right hand, the bottom one for the left hand. There is only one tab staff in between with numbers for notes on both clefs.

Take your time and try all the examples for best results and enjoy.

NO 1

Practice each part by itself before playing together. Play close attention to muting and eliminating unwanted fret noises and harmonics.

N02

First system of musical notation for exercise N02. The treble staff contains a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4. The bass staff contains a sequence of eighth notes: C3, D3, E3, F3, G3, A2, B2, C3, D3, E3. Fingerings are indicated by numbers 1-5 on the right hand and 1-5 on the left hand.

Second system of musical notation for exercise N02. The treble staff continues the sequence: D4, C4, B3, A3, G3, F#3, E3, D3, C3, B2. The bass staff continues: F3, E3, D3, C3, B2, A2, G2, F2, E2, D2. Fingerings are indicated by numbers 1-5 on the right hand and 1-5 on the left hand.

6

N03

For additional practice play in other keys. Move down a half step at a time.

First system of musical notation for exercise N03. The treble staff contains a sequence of eighth notes: G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4. The bass staff contains a sequence of eighth notes: C3, D3, E3, F3, G3, A2, B2, C3, D3, E3. Fingerings are indicated by numbers 1-5 on the right hand and 1-5 on the left hand.

Second system of musical notation for exercise N03. The treble staff continues the sequence: D4, C4, B3, A3, G3, F#3, E3, D3, C3, B2. The bass staff continues: F3, E3, D3, C3, B2, A2, G2, F2, E2, D2. Fingerings are indicated by numbers 1-5 on the right hand and 1-5 on the left hand.

7

N04

First system of music for N04. The tablature line shows fret numbers 12, 12, 14, 14, 16, 16, 14, 14 for the upper row and 7, 7, 9, 9, 10, 10, 9, 9 for the lower row.

Second system of music for N04. The tablature line shows fret numbers 12, 12, 14, 14, 16, 16, 14, 14 for the upper row and 7, 7, 9, 9, 10, 10, 9, 9 for the lower row.

8

N05

First system of music for N05. The tablature line shows fret numbers 12, 14, 16, 14, 12, 14, 16, 14 for the upper row and 7, 9, 10, 9, 7, 9, 10, 9 for the lower row.

Second system of music for N05. The tablature line shows fret numbers 12, 14, 16, 14, 12, 14, 16, 14 for the upper row and 7, 9, 10, 9, 7, 9, 10, 9 for the lower row.

9

N06

Exercise N06, measures 1-4. Treble staff: 15, 14, 12, 14, 15, 14, 12, 14. Bass staff: 10, 8, 6, 6 8, 10, 8, 6, 6 8.

Exercise N06, measures 5-8. Treble staff: 14, 12, 10, 12, 14, 12, 10, 14. Bass staff: 8, 7, 5, 5 6, 8, 7, 5, 8.

10

N07

Exercise N07, measures 1-4. Treble staff: C, Cm, Cmaj7, C7. Fingerings: 17, 9, 12, 17, 8, 12, 16, 9, 12, 15, 9, 12.

Here are some trills using triplets with major and minor chords. Also a major seventh minus the root and a dominant seventh chord minus the root.

To play them hammer down the first note with your right hand, then pull that note off to the next note stopped with your left hand.

The last note is hammered down with your left hand.

These are only a few of the many possibilities, once you gain access to this technique along with a basic knowledge of chords, there is no limit to what can be done.

For best results play these shapes up and down the neck on all strings.

N06

Handwritten musical notation for exercise N06, measures 1-4. The treble staff shows a sequence of notes with fingerings 15, 14, 12, 14, 15, 14, 12, 14. The bass staff shows a sequence of notes with fingerings 10, 8, 6, 6 8, 10, 8, 6, 6 8.

Handwritten musical notation for exercise N06, measures 5-8. The treble staff shows a sequence of notes with fingerings 14, 12, 10, 12, 14, 12, 10, 14. The bass staff shows a sequence of notes with fingerings 8, 7, 5, 5 6, 8, 7, 5, 8.

10

N07

Handwritten musical notation for exercise N07, measures 1-4. The treble staff shows four measures with chords C, Cm, Cmaj7, and C7. The fingerings are 17, 9, 12 for C; 17, 8, 12 for Cm; 16, 9, 12 for Cmaj7; and 15, 9, 12 for C7.

Here are some trills using triplets with major and minor chords. Also a major seventh minus the root and a dominant seventh chord minus the root.

To play them hammer down the first note with your right hand, then pull that note off to the next note stopped with your left hand.

The last note is hammered down with your left hand.

These are only a few of the many possibilities, once you gain access to this technique along with a basic knowledge of chords, there is no limit to what can be done.

For best results play these shapes up and down the neck on all strings.

N08

Exercise N08 shows four measures of a 4-note motif in C major, C minor, C major 7, and C7 chords. The notes are 17, 9, 12, 9 on the fretboard.

These examples are the same as the preceding ones, as far as the chord structures go. The difference is the rhythm which is based on a 4 note motif. In this case I have written them as 16th notes. They could also be played as Eighths, depending upon how you apply them.

To play these, the first note is hammered with the right hand. The second note is pulled from the first note and stopped with the left hand. The third note is hammered with the left. The last note is pulled from the third note with your left hand pinky and stopped with the left hand index. Once again, play these up and down the neck on all the strings for best results.

12

N09

Exercise N09 shows two measures of a 4-note motif in C major and A minor, and two measures of a 4-note motif in D minor and G7 chords. The notes are 17, 9, 12, 9 on the fretboard.

On this example hammer the first note with your right hand, then pull off to the stopped note with the left hand index. Hammer the last note with your left hand pinky.

13

N010

Exercise N010 consists of two systems of guitar tablature. The first system is in C major and E-flat major, and the second system is in G major. Each system has a treble clef staff with a 12/8 time signature and a bass clef staff with fret numbers.

System 1: C and E^b

Measure 1 (C): 17 0 9 17 0 9 17 0 9 17 0 9

Measure 2 (E^b): 15 0 8 15 0 8 15 0 8 15 0 8

System 2: G

Measure 1: 16 0 7 16 0 7 16 0 7 16 0 7

Measure 2: 16 0 7 16 0 7 16 0 7 16 0 7

14

N011

Exercise N011 is a bass line exercise in C7. It features a bass clef staff with a 4/4 time signature and a treble clef staff with a 4/4 time signature. The exercise includes a pull-off to an open string.

Measure 1 (C7): 14 0 7 14 0 10 14 0 7 8 14 0

Measure 2: 8 7 10 7 8 14 0

This is an example using a pull off to an open string with the right hand. Because of the relatively low range of the lick two bass clefs are used. When using open notes as in this example, the open note has to be compatible with the chord. In this case the open note is the ninth of the C7.

NO 12

Exercise NO 12 consists of two systems of musical notation. Each system includes a treble staff with a key signature of one sharp (F#) and a 4/4 time signature. The first system is labeled with an F7 chord. The second system is labeled with a G7 chord. Between the systems, there is a section labeled 'I' with a treble staff showing a sequence of notes: 14 0 7 14 0 10 14 0 7 8 14 0. Below this, there is a section labeled 'A' with a treble staff showing a sequence of notes: 16 0 9 16 0 12 16 0 9 10 16 0. The bottom staff of each system shows a bass line with notes and rests.

Here are two more examples like the C7. Learn these two and play them in a I-IV-V 12 bar blues progression. C7, F7,G7

16

NO 13

Exercise NO 13 consists of a single system of musical notation. It includes a treble staff with a key signature of one sharp (F#) and a 4/4 time signature. The bottom staff shows a bass line with notes and rests. The notation is similar to the previous exercises, with a focus on the right hand and a supporting bass line.

Here is a variation on the previous theme with additional hammerons in the left hand.

17

This example uses additional strings and more hammers.

NO 14

Example NO 14 is a musical score for piano and guitar. The piano part is written in bass clef with a key signature of one flat (B-flat) and a 4/4 time signature. It consists of four measures of music, each containing a half note followed by a quarter rest, with a hammer-on indicated by a 'b' and a slur. The guitar part is written in standard notation with a key signature of one flat and a 4/4 time signature. It consists of four measures of music, each containing a half note followed by a quarter rest, with a hammer-on indicated by a 'b' and a slur. The guitar part also includes a capo on the 1st fret, indicated by a '1' and a bracket. The fret numbers for the guitar are: 14 0, 14 0, 15 0, 15 0 for the top string and 6 8, 6 8, 7 10, 7 10 for the bottom string.

18

Example with more left hand hammer variations.

NO 15

Example NO 15 is a musical score for piano and guitar. The piano part is written in bass clef with a key signature of one flat (B-flat) and a 4/4 time signature. It consists of four measures of music, each containing a half note followed by a quarter rest, with a hammer-on indicated by a 'b' and a slur. The guitar part is written in standard notation with a key signature of one flat and a 4/4 time signature. It consists of four measures of music, each containing a half note followed by a quarter rest, with a hammer-on indicated by a 'b' and a slur. The guitar part also includes a capo on the 1st fret, indicated by a '1' and a bracket. The fret numbers for the guitar are: 14 0, 14 0, 15 0, 15 0 for the top string and 8, 7 10, 8 10, 8 9 for the bottom string.

19

NO 16

Handwritten musical score for NO 16, featuring two systems of music. The first system is in 4/4 time and includes a treble clef staff with a key signature of one flat (Bb) and a bass clef staff. The second system is also in 4/4 time and includes a treble clef staff with a key signature of one flat (Bb) and a bass clef staff. The score is written in a style that combines musical notation with numerical fretting instructions.

System 1:

- Chord:** C7
- Staff 1 (Treble):** Four measures of music. Fretting numbers: 14 0, 14 0, 14 0, 14.
- Staff 2 (Bass):** Four measures of music. Fretting numbers: 6 8, 6 8, 6 8.
- Chord:** Eb7
- Staff 1 (Treble):** Four measures of music. Fretting numbers: 12 0, 12 0, 12 0, 12.
- Staff 2 (Bass):** Four measures of music. Fretting numbers: 4 6, 4 6, 4 6.

System 2:

- Chord:** F7
- Staff 1 (Treble):** Four measures of music. Fretting numbers: 14 0, 14 0, 14 0, 14.
- Staff 2 (Bass):** Four measures of music. Fretting numbers: 6 8, 6 8, 6 8.
- Chord:** G7
- Staff 1 (Treble):** Four measures of music. Fretting numbers: 16 0, 16 0, 16 0, 16.
- Staff 2 (Bass):** Four measures of music. Fretting numbers: 8 10, 8 10, 8 10.

20

NO 17

Handwritten musical score for NO 17, featuring a single system of music. The score is in 4/4 time and includes a treble clef staff with a key signature of one flat (Bb) and a bass clef staff. The score is written in a style that combines musical notation with numerical fretting instructions.

System 1:

- Chord:** Cmaj7
- Staff 1 (Treble):** Four measures of music. Fretting numbers: 16 14, 16 14, 16 14, 16 14.
- Staff 2 (Bass):** Four measures of music. Fretting numbers: 8, 10, 8, 10.
- Chord:** Fmaj7
- Staff 1 (Treble):** Four measures of music. Fretting numbers: 14 14, 14 14, 14 14, 14 14.
- Staff 2 (Bass):** Four measures of music. Fretting numbers: 8, 8, 8, 8.

21

NO 18

Handwritten musical score for NO 18, featuring a treble and bass staff with a guitar tablature system below. The key signature is one flat (Bb) and the time signature is 4/4. The score is divided into two sections: C7 and F7.

Chords: C7, F7

Tablature:

Staff	Measure 1	Measure 2	Measure 3	Measure 4
T	15	15	15	15
A	14	14	14	14
B	8	10	8	10

Chords: C7, F7

Staff	Measure 5	Measure 6	Measure 7	Measure 8
T	14	14	14	14
A	13	13	13	13
B	8	8	8	8

22

NO 19

Handwritten musical score for NO 19, featuring a treble and bass staff with a guitar tablature system below. The key signature is one flat (Bb) and the time signature is 4/4. The score is divided into two sections: Cmi7 and F7.

Chords: Cmi7, F7

Tablature:

Staff	Measure 1	Measure 2	Measure 3	Measure 4
T	15	15	15	15
A	13	13	13	13
B	8	10	8	10

Chords: Cmi7, F7

Staff	Measure 5	Measure 6	Measure 7	Measure 8
T	14	14	14	14
A	13	13	13	13
B	8	8	8	8

23

NO 20

Chords: C_{m7} , F^7

Fingering: 15, 13, 8, 14, 13, 14, 12, 8, 6, 8, 6

24

NO 21

Chords: C_{MAJ7} , C_{MAJ7} , G_{m7} , C^7 , F_{MAJ7}

Fingering: 16, 14, 10, 16, 14, 10, 16, 14, 10, 15, 14, 15, 14, 14, 14, 14, 14, 8, 8

Chords: F_{m7} , B^b7 , E^b_{MAJ7} , D_{m7} , G^7

Fingering: 13, 13, 13, 13, 12, 12, 12, 12, 17, 15, 16, 15, 10, 10

25

NO22

Handwritten musical score for NO22, featuring four measures of music in 4/4 time. The key signature is one flat (Bb). The score includes a treble clef, a bass clef, and a guitar tablature system with a capo on the 4th fret. The chords are BbMAJ7, EbMAJ7, A7, and DMAJ7. The tablature shows fingerings for the guitar.

Chords: B^bMAJ⁷, E^bMAJ⁷, A⁷, DMAJ⁷

Tablature: 12 14, 12 12, 11 12, 5 11 11

26

NO23

Handwritten musical score for NO23, featuring four measures of music in 4/4 time. The key signature is two flats (Bb, Eb). The score includes a treble clef, a bass clef, and a guitar tablature system with a capo on the 4th fret. The chords are Eb, Cmi, Fmi, and Bb7. The tablature shows fingerings for the guitar.

Chords: E^b, Cmi, Fmi, B^b7

Tablature: 12 12 13 12 13, 13 13 13 12, 6 8 9 8 7 7 6

27

NO 24

Measures 1-3 of NO 24. The score is in 4/4 time with a key signature of two sharps (F# and C#). The guitar part features a repeating eighth-note pattern in the treble staff and a corresponding bass line in the bass staff. Fingering numbers are provided for both hands.

Measure	Treble Staff Notes	Treble Staff Fingering	Bass Staff Notes	Bass Staff Fingering
1	F#4, A4, B4, C#5	11, 11, 12	F#2, A2, B2, C#3	5, 5, 7
2	F#4, A4, B4, C#5	11, 11, 12	F#2, A2, B2, C#3	5, 5, 7
3	F#4, A4, B4, C#5	11, 11, 12	F#2, A2, B2, C#3	5, 5, 7

Measures 4-5 of NO 24. The score continues with the same eighth-note pattern. Measure 5 ends with a double bar line and repeat signs. Fingering numbers are provided for both hands.

Measure	Treble Staff Notes	Treble Staff Fingering	Bass Staff Notes	Bass Staff Fingering
4	F#4, A4, B4, C#5	12, 11, 14, 12	F#2, A2, B2, C#3	7, 5, 4, 7
5	F#4, A4, B4, C#5	14	F#2, A2, B2, C#3	9

28

NO 25

Measures 1-2 of NO 25. The score is in 4/4 time with a key signature of one sharp (F#). The guitar part features a repeating eighth-note pattern in the treble staff and a corresponding bass line in the bass staff. Fingering numbers are provided for both hands.

Measure	Treble Staff Notes	Treble Staff Fingering	Bass Staff Notes	Bass Staff Fingering
1	F#4, A4, B4, C#5	17, 17, 12	F#2, A2, B2, C#3	8, 10
2	F#4, A4, B4, C#5	16, 16, 9, 7	F#2, A2, B2, C#3	10, 9, 10

Measures 3-4 of NO 25. The score continues with the same eighth-note pattern. Measure 4 ends with a double bar line and repeat signs. Fingering numbers are provided for both hands.

Measure	Treble Staff Notes	Treble Staff Fingering	Bass Staff Notes	Bass Staff Fingering
3	F#4, A4, B4, C#5	14, 15, 16	F#2, A2, B2, C#3	9, 7, 9, 10, 8, 10
4	F#4, A4, B4, C#5	16	F#2, A2, B2, C#3	8, 10

29

NO26

First system of musical notation for NO26. The treble staff contains a melodic line with notes G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4. The bass staff contains a supporting line with notes G2, A2, B2, C3, B2, A2, G2, F#2, E2, D2. Fingerings are indicated above and below notes: 14, 13, 14, 15, 14, 14, 15 for the treble staff and 8, 8, 10, 8, 8, 10 for the bass staff. The system ends with three double bar lines.

Second system of musical notation for NO26. The treble staff contains a melodic line with notes G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4. The bass staff contains a supporting line with notes G2, A2, B2, C3, B2, A2, G2, F#2, E2, D2. Fingerings are indicated above and below notes: 14, 15, 14, 15, 14, 15, 14, 15 for the treble staff and 8, 10, 8, 10, 8, 10, 8, 10 for the bass staff. The system ends with three double bar lines.

30

Third system of musical notation for NO26. The treble staff contains a melodic line with notes G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4. The bass staff contains a supporting line with notes G2, A2, B2, C3, B2, A2, G2, F#2, E2, D2. Fingerings are indicated above and below notes: 14, 13, 14, 15, 14, 14, 15 for the treble staff and 8, 8, 10, 8, 8, 10 for the bass staff. The system ends with three double bar lines.

Fourth system of musical notation for NO26. The treble staff contains a melodic line with notes G4, A4, B4, C5, B4, A4, G4, F#4, E4, D4. The bass staff contains a supporting line with notes G2, A2, B2, C3, B2, A2, G2, F#2, E2, D2. Fingerings are indicated above and below notes: 13, 14, 13, 14, 10, 14 for the treble staff and 8, 8, 10, 14 for the bass staff. The system ends with three double bar lines.

31

NO 27

First system of musical notation (measures 1-3) for NO 27. The system consists of a treble staff, a middle staff with fingerings, and a bass staff. The treble staff is in 4/4 time and contains a half note G4, a half note A4, and a half note B4. The middle staff shows fingerings: 15 14 for the first measure, 15 14 15 for the second, and 14 13 14 12 11 12 for the third. The bass staff contains a half note G3, a half note F3, and a half note E3.

Second system of musical notation (measures 4-6) for NO 27. The system consists of a treble staff, a middle staff with fingerings, and a bass staff. The treble staff contains a half note G4, a half note A4, and a half note B4. The middle staff shows fingerings: 15 14 15 14 13 14 for the first measure, 13 12 13 for the second, and 12 11 12 for the third. The bass staff contains a half note G3, a half note F3, and a half note E3.